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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/720,858	11/24/2003	Anatoly S. Belkin	CE10866R/10-188	5178

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SCHAUMBURG, IL 60196

EXAMINER
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KNOWLIN, THJUAN P

ART UNIT	PAPER NUMBER
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2614

DATE MAILED: 06/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/720,858	<b>Applicant(s)</b> BELKIN ET AL.	
	<b>Examiner</b> Thjuan P. Knowlin	<b>Art Unit</b> 2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 13 April 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1,2,4-11,13,14,16 and 18-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1,2,4,5,10,11,13 and 14 is/are allowed.
- 6) ☒ Claim(s) 6-9,16 and 18-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Response to Amendment***

1. Applicant's amendment filed on April 13, 2006 has been entered. Claims 1, 4, 6, 9, 10, 13, 16, and 22 have been amended. Claims 3, 12, 15, and 17 have been cancelled. No claims have been added. Claims 1-2, 4-11, 13-14, 16, and 18-24 are now pending in this application, with claims 1, 6, 10, 16, and 22 being independent.

### ***Allowable Subject Matter***

2. Claims 1-2, 4-5, 10-11, and 13-14 are allowed.
3. The following is an examiner's statement of reasons for allowance: The invention as now claimed is not disclosed nor rendered obvious in view of the prior art of record. As to independent claims 1 and 10, the prior art of record fails to teach or suggest, alone or in combination, the recited method and switch in which a call received on a first network is forwarded to a second network, and when another call is received, checking for other loop indicia corresponding to that call, then comparing the other loop indicia corresponding to the other call with the loop indicia added to the call and the second identification data with the first identification data. No prior art was found that discloses or teaches the limitations of claims 1 and 10.
4. Claims 2, 4-5, 11, and 13-14 are dependent upon claims 1 and 10, respectively, therefore, claims 2, 4-5, 11, and 13-14 are allowed.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Claim Rejections - 35 USC § 112***

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

6. Claims 16 and 18-21 are rejected under 35 U.S.C. 112, first paragraph, because the best mode contemplated by the inventor has not been disclosed. Evidence of concealment of the best mode is based upon the fact that Applicant is merely reciting a single step of the method being claimed. The limitation recited in the preamble of claim 16, is not present in the body of the claim. Therefore, the best mode for making and/or using the invention has not been clearly stated, nor pointed out by Applicant.

***Claim Rejections - 35 USC § 102***

7. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

8. Claims 6-9, 16, and 18-24 are rejected under 35 U.S.C. 102(e) as being anticipated by Taff et al (US 6,845,152).

Art Unit: 2614

9. In regards to claims 6, 16, 18, 21, 22, and 24 Taff discloses a network switch (See Fig. 2 and PBX 42), method, and communications unit (See Fig. 2, mobile terminal 34, and desktop computer 26), comprising: a switching mechanism (See Fig. 1, Centrex Switch 28 and/or Fig. 2, switch 12) for switching voice and data traffic and for connecting an enterprise network (See Fig. 2 and IP network/LAN 24) to a cellular network (See Fig. 2 and Public Land Mobile Network (PLMN) 30) through a publicly switched telephone network (See Fig. 2 and PSTN 40) (See col. 2 lines 17-37); and a controller (See Fig. 2 and server 14) in communication with the switching mechanism for setting up calls, the controller including a processor (See Fig. 2 and call control function 18) and a controller memory (See Fig. 2 and memory 16) that is programmed to enable the processor: to forward an enterprise call, which is directed to a communications device enterprise number, to a corresponding communications device cellular number in the cellular network (See col. 2 lines 43-54); and to associate calls with a call forwarding number either prior to, by instructing the communications unit to manipulate forwarding information in the second network to associated failed (e.g., unanswered) calls with the call forwarding number (See col. 4 lines 3-16), concurrent with, or subsequent to forwarding the enterprise call to the corresponding communications device cellular number of a communications unit when the communications unit is not operating in the enterprise network (See col. 5 lines 48-64).
10. In regards to claim 7, Taff discloses the network, wherein the call forwarding number comprises an enterprise network voice mail number, whereby call forwarded

from the cellular network are directed to the network voice mail for a communication unit (See col. 4 lines 3-16 and col. 5 lines 28-39).

11. In regards to claim 8, Taff discloses the network switch, wherein the enterprise network comprises a wireless local area network (See Fig. 2 and IP Network/LAN 24) and the switching mechanism and the controller respectively comprise a private branch exchange gateway (See Fig. 2 and switch 12) and a PBX controller (See Fig. 2 and server 14) (See Fig. 2).

12. In regards to claim 9, Taff discloses the network switch, wherein instructing the communications unit to manipulate forwarding information in the second network to associate failed calls with the call forwarding number comprises instructing the communications unit to manipulate forwarding information in the second network to associate failed (e.g., unanswered) calls with the call forwarding number when the communications unit enters the second network (See col. 4 line 3-16).

13. In regards to claims 19, 20, and 23, Taff discloses the method and communications unit, wherein the forwarding number for the second network number of the communications unit comprises one of a number of the first network voice mail, the first network number, and a marker number, the marker number routed to the first network (See col. 3-4 lines 45-16, col. 5 lines 28-39, and col. 5 lines 48-64).

### ***Response to Arguments***

14. Applicant's arguments, in regards to claims 6, 9, 16, and 22, filed 04/13/06 have been fully considered but they are not persuasive. In regards to claim 6, Applicant

Art Unit: 2614

argues that Taff does not disclose that both the first call and the another call have two identification features, i.e. the first identification data and loop indicia. However, this limitation is not recited in claim 6. No where in claim 6 is first identification data and loop indicia recited. In regards to claim 9, Applicant further states that Taff does not disclose a network switch instructing the communications unit to manipulate forwarding information. However, this limitation is not recited in claim 9. No where in claim 9 is it recited that the network switch instructs the communications unit to manipulate forwarding information. Claim 9 merely recites that the communication unit is instructed to manipulate forwarding information, but it is not clear as to by whom or what, does the instructing. In regards to claims 16 and 22, Applicant argues that Taff does not disclose that the call forwarding number is associated while in the first network before the possibility of the call forwarding loop needs to be prevented. However, claim 16 does not recite the call forwarding number being associated while in the first network before the possibility of the call forwarding loop needs to be prevented. Although “call forwarding loops” are mention in the preamble of claim 16, it is not recited in the body of the claim. Furthermore, neither the preamble nor the body of claim 22, recite call forwarding loops.

***Conclusion***

15. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

16. A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thjuan P. Knowlin whose telephone number is (571) 272-7486. The examiner can normally be reached on Mon-Fri 8:30-5:00pm.

18. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wing Chan can be reached on (571) 272-7493. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



Art Unit: 2614

19. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Thjuan P. Knowlin

A handwritten signature in black ink, appearing to read "Wing Chan", written in a cursive style.

**WING CHAN**  
**SENIOR PRIMARY EXAMINER**  
**TECHNOLOGY CENTER 2600**